

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/050864

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/133700 A1 (MARTIN RENE ET AL) 19 September 2002 (2002-09-19) abstract page 1, paragraph 10 page 2, paragraph 29 - paragraph 30 page 3, paragraph 33 - paragraph 53 -----	1-20
A	US 2003/084304 A1 (HON HENRY ET AL) 1 May 2003 (2003-05-01) abstract page 2, left-hand column, paragraph 20 - paragraph 51 -----	1-20



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

27 January 2005

Date of mailing of the international search report

03/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Adkhis, F

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/050864

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002133700	A1	19-09-2002	FR 2819967 A1 26-07-2002
			EP 1227640 A1 31-07-2002
US 2003084304	A1	01-05-2003	NONE